

CLAIM AMENDMENTS

1.(Twice Amended) A side curtain airbag cushion designed to protect vehicle occupants during a rollover collision, said cushion comprising a fabric, wherein said fabric is coated with an elastomeric composition in an amount of at least 0.8 and at most 2.5 ounces per square yard of the fabric; and wherein said airbag cushion exhibits a characteristic leak-down time after inflation of at least 5 seconds.

Claim 2 (original): The airbag cushion of Claim 1 wherein said elastomeric composition is silicone free.

Claim 3 (original): The airbag cushion of Claim 1 wherein said elastomeric composition comprises polyurethane.

Claim 4 (original): The airbag cushion of Claim 1 wherein said coated fabric is woven from polyamide yarns.

Claim 5 (original): The airbag cushion of Claim 4 wherein said polyamide yarns are formed from nylon 6,6 fiber.

Claim 6 (previously amended): The airbag cushion of Claim 4, wherein said polyamide yarns are multifilament yarns exhibiting a linear density of about 210-630 denier.

Claim 7 (previously amended): The airbag cushion of Claim 6, wherein said multifilament yarns exhibit a filament linear density of about 7 denier per filament or less.

Claim 8 (original): The airbag cushion of Claim 1, wherein said elastomeric composition is present in the form of a water-borne or solvent-borne solution.

Claim 9 (original): The airbag cushion of Claim 3, wherein said elastomeric polyurethane composition is polycarbonate polyurethane.

Claim 10 (original): The airbag cushion of Claim 1 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 2.0 ounces per square yard.

Claim 11 (original): The airbag cushion of Claim 10 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.5 ounces per square yard.

Claim 12 (original): The airbag cushion of Claim 11 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.2 ounces per square yard.

Claim 13 (original): The airbag cushion of Claim 12 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.0 ounces per square yard.

Claim 14 (original): The airbag cushion of Claim 13 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 0.8 ounces per square yard.

Claim 15 (currently amended): A side curtain airbag cushion designed to protect vehicle occupants during a rollover collision, said cushion comprising a fabric, wherein said fabric is coated with an elastomeric composition in an amount of from at least 0.8 to at most 2.5 ounces per square yard of said fabric; wherein said elastomeric composition comprises at least one elastomer possessing a tensile strength of at least 2,000 psi and an elongation of at least 180%; and wherein said airbag cushion exhibits a leak-down time after inflation of at least 7 seconds.

Claim 16 (original): The airbag cushion of Claim 15 wherein said elastomeric composition comprises polyurethane.

Claim 17 (original): The airbag cushion of Claim 15 wherein said coated fabric is woven from polyamide yarns.

Claim 18 (original): The airbag cushion of Claim 17 wherein said polyamide yarns are formed from nylon 6,6 fiber.

Claim 19 (previously amended): The airbag cushion of Claim 18, wherein said polyamide yarns are multifilament yarns exhibiting a linear density of about 210-630 denier.

Claim 20 (previously amended): The airbag cushion of Claim 19, wherein said multifilament yarns exhibit a filament linear density of about 7 denier per filament or less.

Claim 21 (original): The airbag cushion of Claim 15, wherein said elastomeric composition is present in the form of a latex.

Claim 22 (original): The airbag cushion of Claim 16, wherein said elastomeric polyurethane composition comprises polycarbonate polyurethane.

Claim 23 (original): The airbag cushion of Claim 15 wherein said elastomer within said elastomeric composition is a polyurethane polycarbonate.

Claim 24 (original): The airbag cushion of Claim 15 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 2.5 ounces per square yard.

Claim 25 (original): The airbag cushion of Claim 24 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 2.0 ounces per square yard.

Claim 26 (original): The airbag cushion of Claim 25 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.5 ounces per square yard.

Claim 27 (original): The airbag cushion of Claim 26 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.2 ounces per square yard.

Claim 28 (original): The airbag cushion of Claim 27 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 1.0 ounces per square yard.

Claim 29 (original): The airbag cushion of Claim 28 wherein said elastomeric composition is coated on said airbag fabric surface in an amount of at most 0.8 ounces per square yard.

Claim 30 (currently amended): A coated side curtain airbag designed to protect vehicle occupants during a rollover collision, said cushion comprising from 0.8 to about 2.5 ounces per square yard of a coating applied to the surface of said airbag, wherein said airbag [exhibiting] exhibits a rolled packing volume factor of from about 17 to about 24; and wherein said coated side curtain airbag exhibits a leak-down time after inflation of at least 7 seconds.

Claim 31 (original): The airbag cushion of Claim 30 wherein said rolled packing volume factor is about 21.6.

Claim 32 (original): An airbag cushion comprising a coated fabric, wherein said fabric is coated with an elastomeric composition; wherein said elastomeric composition comprises at least 80% non-silicone materials; and wherein said airbag cushion, before and after accelerated aging exposure, exhibits a characteristic leak-down time after inflation of at least 5 seconds.

Claim 33 (original): The airbag of Claim 32, wherein said elastomer composition comprises at least one polyurethane.

Claim 34 (original): The airbag of claim 33, wherein said polyurethane compound is a polycarbonate polyurethane.

Claim 35 (original): The airbag of Claim 32, wherein the change in characteristic leak-down time between the before-aged airbag and the aged airbag is less than about 50%.

Claim 36 (original): The airbag of Claim 32, wherein the coating add-on weight of said elastomeric composition is at most 2.5 oz/yd².

Claim 37 (currently amended): The airbag of Claim 32, wherein said elastomeric composition comprises at least one non-silicone elastomer possessing a tensile strength of at least 1,500 psi.

Claim 38 (original): The airbag of Claim 32 wherein said airbag possesses a sliding coefficient of friction of 0.7 or less.

Claim 39 (original): The airbag of Claim 32, wherein said airbag possesses a packing volume factor of from about 18.8 to about 29.